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15 December 1966

U. S. Government

GROUP - 1
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Subject: Contract

Gentlemen:

We are pleased to submit the third in a series of progress reports covering the effort expended on subject contract up to December 15, 1966.

1. Incorporation of the new type air bearing into the process module design, as reported in our last progress report, was completed. Machine-wise, the incorporation of the air knife will commence on December 18th. Machining of the prereleased parts is well under way and is nearing completion.

2. The design for the framework and air ducting channels is in progress, and will be completed for manufacturing release around the end of December. Materials for these parts are on hand so that the manufactured parts will reach the assembly area by January 10th.

3. Designs for the film transport components, including the vacuum rollers, are completed and released for manufacturing. It is anticipated that these parts will reach the assembly area in mid January.

4. The design of the mold for the drier air knives is completed, and the mold in manufacturing. Completion is expected by the end of December. The injection molding of these air knives will take place on the new injection molding machine now arriving approximately December 20th. It can be anticipated that a slight slip in delivery of these molded parts will take place, since the installation of the machine and the necessary test runs will take

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approximately 3 weeks. We will, therefore, not be able to more accurately predict the delivery of the processor until the early part of January, and, under these circumstances, will therefore review this date at this time.

5. During this period an advanced, extremely compact type of film drier, employing an infrared energy source and air bearings, was considered and a working breadboard constructed. Performance and function tests will be conducted during the next reporting period. It is anticipated that this type of drier will certainly permit the overall length of the processor to be shortened.

6. There have been no changes in personnel, but additional manpower was used throughout the last month, as considered necessary to the continuing progress of the program.

To this date, an expenditure of approximately [redacted] has been made or committed on this phase of the program. 25X1

If you should have any questions, please do not hesitate to contact us.

Very truly yours,

[redacted] 25X1

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